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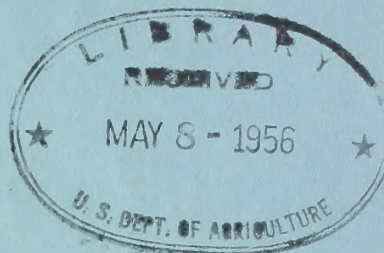
SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for the

MISSOURI and ARKANSAS

DRAINAGE BASINS

May 1, 1941



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Issued by the
United States Department of Agriculture
Soil Conservation Service
Division of Irrigation
In Cooperation with
The Colorado Agricultural Experiment Station
Colorado State College
Fort Collins, Colorado

May 10, 1941

SNOW SURVEYS AND IRRIGATION WATER FORECASTS FOR MISSOURI AND ARKANSAS RIVERS

May 1, 1941

The following data pertaining to snow surveys and irrigation water-supply forecasts are provided by the Division of Irrigation, Soil Conservation Service, of the U. S. Department of Agriculture, in cooperation with State departments, other Federal bureaus and local organizations. The snow measurements are made principally by field personnel of the following organizations: Forest Service, National Park Service, Bureau of Reclamation, U. S. Geological Survey, War Department and State Experiment Stations. This work is otherwise conducted cooperatively with the State Engineers of Colorado and Wyoming, and various municipalities, irrigation associations, power companies and others. Precipitation records are supplied by the U. S. Weather Bureau.

P R E C I P I T A T I O N D A T A

WATERSHED	STATE	Precipitation October 1 to April 30	Departure from Normal	Precipitation April	Departure from Normal
		Inches	Inches	Inches	Inches
Missouri	East. Mont.	5.08	-0.24	1.64	+0.54
Missouri	Cent. Mont.	5.08	-0.72	1.76	+0.56
Missouri	North. Wyo.	9.50	-0.25	3.13	+1.16
North Platte	Wyoming	7.89	+0.99	3.10	+1.68
South Platte	Colorado	8.73	-0.50	3.00	+0.36
Arkansas	Colorado	7.73	+1.72	2.68	+1.12

Precipitation on the watershed of the Missouri in Montana, the Yellowstone and North Platte in Wyoming and the South Platte and the Arkansas in Colorado was above normal during April. The greatest excess of precipitation occurred over the watersheds of the Yellowstone, North Platte and Arkansas Rivers. The accumulated precipitation from October 1 to April 30 is now slightly above normal except in central Montana, northern Wyoming and northern Colorado. Conditions generally are much better than they were a month ago.

SUMMARY OF MAY 1 SNOW SURVEYS AND COMPARISON OF DATA

WITH THAT OF PREVIOUS YEARS BY WATERSHEDS

WATERSHEDS	Snow Depth		Water Content		Number courses in average	Snow Density		1941 Water Content in percent of	
	Six Year Avg.*	1940	1941	Six Year Avg.*		1940	1941	Six year Avg.*	1940
	In.	In.	In.	In.		Percent	Percent	Percent	Percent
MISSOURI RIVER									
Jefferson River	24.6	26.6	22.9	9.0	3	37	33	84	74
Madison River	31.2	29.4	25.4	13.3	5	43	41	77	82
Gallatin River	22.3	25.4	16.5	8.2	4	37	33	66	55
Missouri River**	12.2	14.5	9.8	4.0	5	33	32	78	58
Marias River	15.1	16.4	0.0	6.8	2	45	---	---	---
Yellowstone River	26.3	24.2	34.0	9.8	2	37	32	112	103
Shoshone River	36.9	34.1	37.8	12.6	3	34	27	80	79
Bighorn River	26.7	19.3	34.7	9.4	8	35	32	117	139
Tongue River	20.4	20.2	30.4	8.0	2	39	33	125	106
Powder River	16.4	15.0	26.2	4.6	2	28	33	187	200
North Platte River	45.0	41.6	49.2	18.2	11	40	37	100	115
Sweetwater River	32.6	19.8	48.8	10.8	2	33	31	142	212
Laramie River	29.3	22.0	33.5	10.9	9	37	33	101	131
South Platte River***	12.8	10.2	22.0	4.0	3	31	29	160	256
Crow Creek	2.8	0.0	8.6	0.9	1	32	30	289	---
Poudre River	34.3	28.3	35.0	12.5	7	36	33	94	117
Big Thompson River	66.2	61.8	67.4	24.7	1	37	35	95	115
St. Vrain River	33.5	25.2	37.2	12.3	1	37	33	101	121
Boulder Creek	27.0	24.2	28.8	9.8	2	36	33	98	109
Clear Creek	37.9	19.9	42.5	13.0	1	34	30	98	143
ARKANSAS RIVER	22.0	16.3	38.9	7.7	7	35	34	171	281

*Some for shorter periods.

**Headwaters of Missouri River.

***Above Denver, Colo.

WATER SUPPLY OUTLOOK

MONTANA. Snow conditions over the headwaters of the Missouri and tributaries have not been improved generally during April. The May 1 snow surveys indicate the water content to be about 60 percent of that of a year ago and approximately 75 percent of the past 6-year average. The outlook appears to be rather discouraging for an adequate run-off this coming season. Streamflow is slightly above normal at this time. Reservoir storage, May 1, is about 90 percent as compared with 1940 and 70 percent of that of 1939. Soil moisture conditions are reported as favorable at present, comparable to that of a year ago, particularly in the eastern part of the state.

WYOMING. The snow cover generally over the northern part of the state has improved during April, especially for the Big Horn drainage, where the water content of the snow increased 4.2 inches to a total of 11.0 inches. For the North Platte and Laramie watersheds, April snows added 4.3 inches to the former and 2.5 inches to the latter for total water contents of 18.2 inches and 11.0 inches respectively, for these two basins. Because of the increase in water content of the snow on the headwaters of these streams during April the outlook now is much improved with an estimated run-off of about 80 percent of the April-July average for the past 6 years. For the Tongue, Powder and Sweetwater the outlook for a favorable run-off has also improved during the past month. April storms added 6 inches to the water content of the snow on the Tongue, 4.2 inches for the Powder and 6.2 inches on the Sweetwater. The May 1 snow surveys show about 2 inches less water in the snow on the Shoshone drainage than for April 1. Conditions on the Yellowstone have not improved during the month of April. Reservoir storage in the North Platte Valley in Wyoming was 315,000 acre-feet on May 1 as compared with 284,000 last year at this time. The Wheatland Reservoirs now store 17,700 acre-feet as compared with 10,900 a year ago. Storage on the Wind River, Bull Lake and Pilot Butte, May 1, was 37,400 acre-feet, May 1, 1940 it was 63,500. Present soil moisture conditions over the state are good to excellent.

COLORADO. For the South Platte River above Denver, the water content of the snow is more than twice that of a year ago. Snow on Hoosier Pass accumulated 2 inches of water during the past month. Considerable increase occurred in the water content of the snow during April on the headwaters of the tributaries to the South Platte. The increase for the Poudre was 3.1 inches; St. Vrain, 4.8 inches; Boulder 1.0; and Clear Creek 2.8. The run-off for this section of northern Colorado is now expected to be above normal with sufficient water to fill many of the storage reservoirs. Because of the excellent soil moisture, direct irrigation will be deferred, thus permitting a large proportion of the early run-off to be put in storage. Water levels in pumping areas are about the same as last year except in Larimer and Weld counties where they are generally lower.

The outlook for the Arkansas Valley has improved since April 1. Ten snow courses surveyed May 1 show an average increase in the water content of 1.6 inches. On Monarch Pass the April accumulation of water was 5.1 inches, and a similar gain was found on the headwaters of the Purgatoire. The best gain for the past month, amounting to 5.6 inches, was found at Blue Lakes, on the headwaters of Cuchara Creek. The maximum water content of the snow, May 1, on the Arkansas drainage was 24.5 inches at Monarch Pass snow course. The April-July run-off at Salida is expected to be about 275,000 acre-feet. Reservoir storage in the Arkansas Valley is nil at this time. Twin Lakes at Leadville is only 20 percent filled. Soil moisture in the valley is good.

MISSOURI AND ARKANSAS RIVER WATERSHEDS
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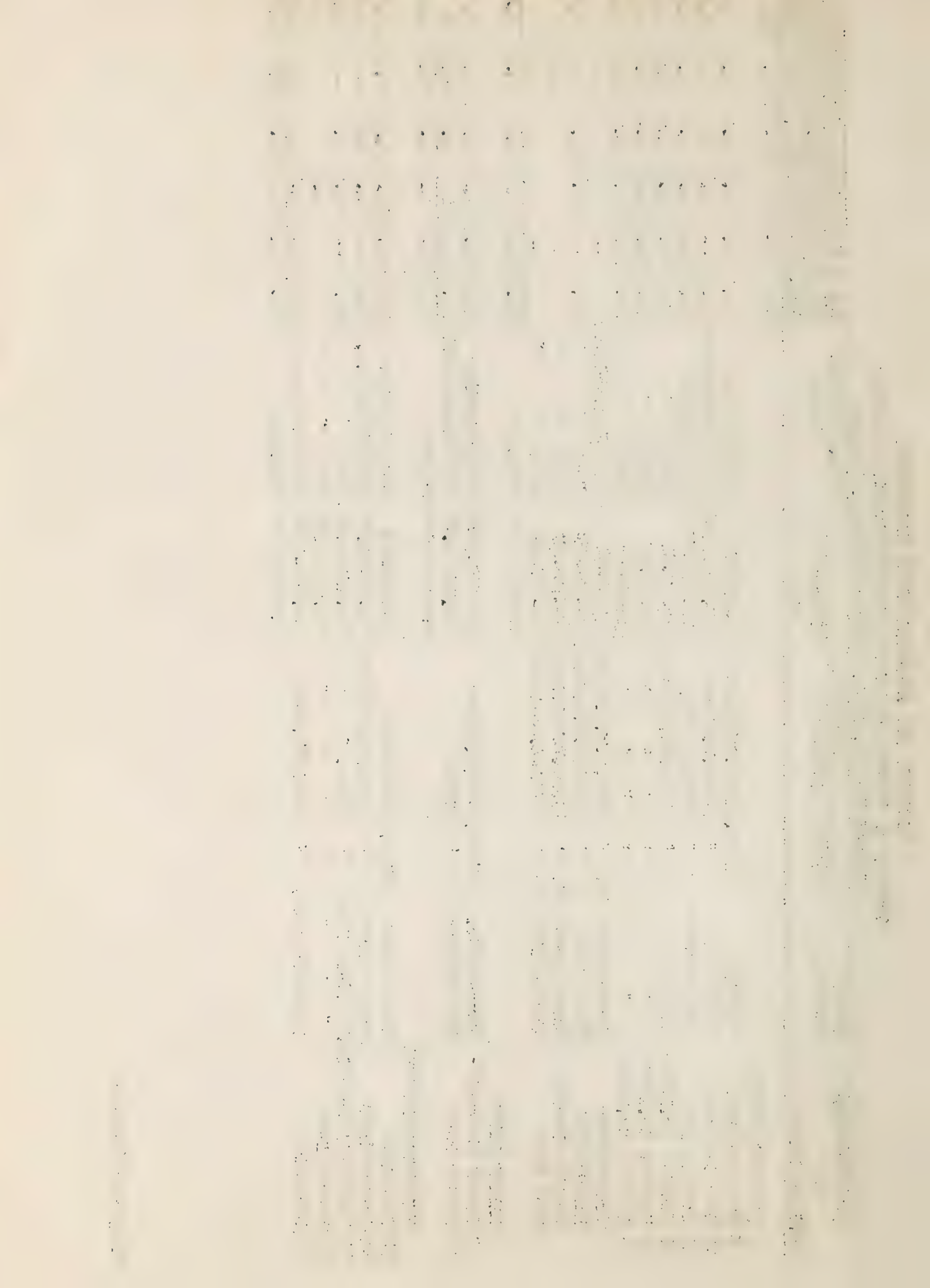
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*On adjacent drainage
Readings March 15

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Main Drainage and No. Snow Course	Local Drainage	State	Location		Elev.	National Forest	May 1 Snow Course Measurements			
			Locality	Description			Av. Snow Depth	Av. Water Content	1940	1941
							In.	In.	In.	In.
MISSOURI RIVER										
6 Chessman Res.	Tennile	Mont.	11mi. SW. Helena	2-8N-5W	6200	Helena	3.1	2.0	1.1	0.9
11 Goat Mountain	South Fork	"	26mi. W. Gilman	47.5N112.9W	7000	Lewis & Clark	7.7	---	0.4	2.5
36 Stemple Pass	Canyon Creek	"	Stemple Pass	16-13N-7W	6900	Helena	11.6	15.8	5.8	3.6
41 Tennile Cr. Lower	Tennile	"	17mi. SW. Helena	13-8N-6W	6250	"	3.8	4.8	2.6	1.0
42 Tennile Cr. Middle	"	"	"	13-8N-6W	6800	"	16.5	20.8	14.8	5.4
43 Tennile Cr. Upper	"	"	"	19-8N-5W	8000	"	26.1	29.2	24.8	8.9
Grasshopper	Grasshopper Cr.	"	6mi. S.W. S. Spgs.	19-9N-8E	7000	Lewis & Clark	---	---	27.4	10.3
King's Hill	Belt Creek	"	21mi. N.W. S. Spgs.	35-13N-7E	7950	"	30.1	---	---	---
Orville Harris	Mussellshell R.	"	12mi. E.W. S. Spgs.	31-10N-9E	6500	"	---	---	---	---
Half Moon	Judith River	"	19mi. S. Lewiston	22-12N-18E	6000	"	12.2	14.5	9.8	4.0
Average for Drainage										
							12.2	14.5	9.8	4.0
MARIAS RIVER										
7 Desert Mountain*	Cutbank Cr.	Mont.	4mi. S. Belton	24-31N-19W	5500	Flathead	18.3	22.0	0.0	7.8
20 Marias Pass	Two Medicine	"	Summit	48.3N113.4W	5250	Glacier NP	11.9	10.8	T	5.8
Average for Drainage										
							15.1	16.4	0.0	6.8
YELLOWSTONE RIVER										
14 Dome Lake	Goose Creek	Wyo.	Dome Lake	11-53N-87W	8800	Big Horn	33.2	26.5	39.8	13.2
40 Lupine Creek	Lupine Creek	"	11mi. SE. Gardiner	44.9N110.6W	7300	Yel. Nat. P.	11.0	---	6.5	4.0
41 Blacktail Deer Cr.	Blk. Tail Deer	"	11mi. " "	44.9N110.6W	7500	"	20.1	---	14.9	7.2
42 Beaver Dams	"	"	"	44.9N110.6W	7200	"	---	---	0.0	---
70 Lodge Pole	Lodge Pole Cr.	"	34mi. NW. Cody	32-56N-106W	8200	Shoshone	19.4	22.0	28.2	6.3
Average for Drainage										
							26.3	24.2	34.0	9.8
							26.3	24.2	34.0	9.8

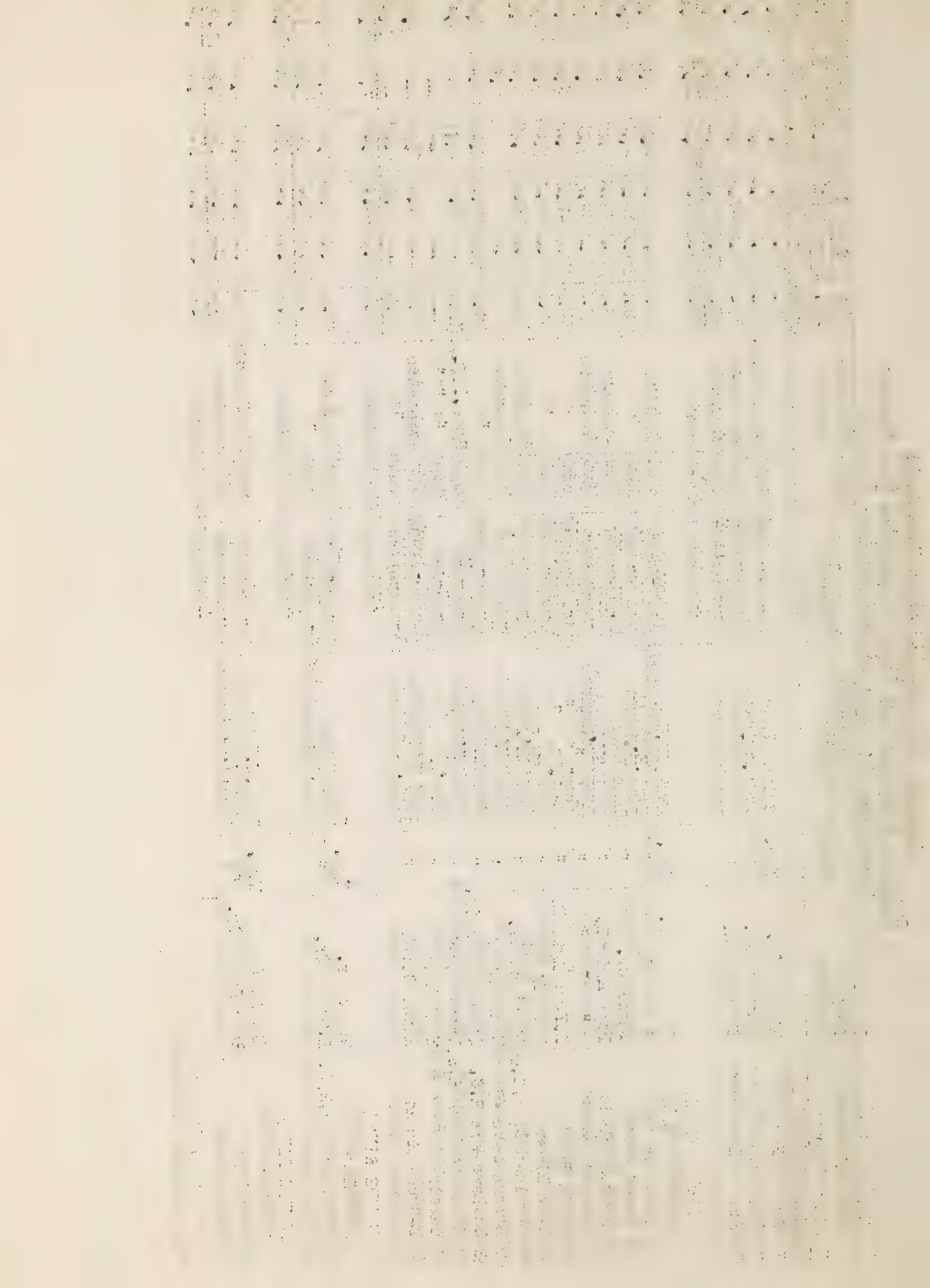
*Adjacent Drainage



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No.	Snow Course			Locality	Descrip- tion			Av.	1940	1941	Av.	Water Content
								In.	In.	In.	In.	1941
SHOSHONE RIVER												
32	Sylvan Pass	Middle Cr.	Wyo.	Sylvan Pass	12-52N-110W	7100	Yel. Nat. P.	19.8	19.1	8.4	6.9	In.
33	Up. Hardpan Basin	Hardpan Cr.	"	27mi. SW. Cody	25-51N-106W	9500	Shoshone	37.6	32.4	47.5	9.4	7.8
50	Brooks Lake #3*	Shoshone R.	"	Brooks Lake	23-44N-110W	9200	Washakie	53.2	50.9	57.6	21.4	19.6
					Average for Drainage			36.9	34.1	37.8	12.6	10.1
BIGHORN RIVER												
13	Tensleep R.S.	Tensleep Cr.	Wyo.	15mi. NE. Tensleep	30-49N-86W	8300	Bighorn	12.2	16.2	13.5	4.6	6.1
16	Range Creek	Ranger Creek	"	14mi. E. Shell	32-53N-88W	8800	"	20.6	19.7	18.8	6.6	5.6
14	Dome Lake*	Shell Cr.	"	Dome Lake	11-53N-87W	8800	Bighorn	33.2	26.5	39.8	13.2	12.6
45	Sawmill Glade	Popo Agie R.	"	13mi. SW. Lander	3-31N-101W	8500	Washakie	18.6	2.8	34.5	6.1	10.9
46	Blue Ridge	" "	"	15mi. " "	23-31N-101W	9500	"	31.5	15.7	47.3	9.9	6.0
47	South Pass	" "	"	19mi. " "	13-30N-101W	9000	"	33.4	20.2	46.7	10.4	6.8
48	Wood River	L. Popo Agie R.	"	42mi. SW. Cody	28-46N-103W	8000	Shoshone	10.8	2.5	19.2	2.8	0.6
49	Sheridan Cr. R.S. #2	Wood River	"	16mi. NW. Dubois	3-42N-109W	7500	Washakie	53.2	50.9	57.6	21.4	19.6
50	Brooks Lake #3	Wind River	"	Brooks Lake	23-44N-110W	9200	"	30.2	--	30.2	9.7	--
51	St. Lawrence R.S.	St. Lawrence Cr.	"	27mi. NW. Lander	26-1N-4W	9000	Shos. I. R.	--	--	--	--	--
52	Mosquito Park R.S.	Trout Creek	"	18mi. " "	23-2S-3W	9500	"	23.5	--	23.5	6.8	6.8
53	DuNoir	Wind River	"	9mi. NW. Dubois	27-42N-108W	8750	Washakie	5.0	--	5.0	1.4	1.4
54	T-Cross Ranch	Horse Creek	"	12mi. N. Dubois	1-43N-107W	8000	"	26.7	19.3	34.7	9.4	11.0
					Average for Drainage							
TONGUE RIVER												
14	Dome Lake	Goose Cr.	Wyo.	Dome Lake	11-53N-87W	8800	Bighorn	33.2	26.5	39.8	13.2	12.6
17	Big Goose Cr. R.S.	E. Goose Cr.	"	20mi. SW. Sheridan	4-53N-86W	7700	"	7.6	14.0	21.0	2.7	7.3
					Average for Drainage			20.4	20.2	30.4	8.0	10.0
POWDER RIVER												
30	Red Fork	Middle Fork	Wyo.	23mi. W. Kaycee	18-43N-85W	7500	Off Forest	13.6	11.7	22.5	4.1	6.9
31	Sour Dough	Sour Dough Cr.	"	10mi. W. Klondike	17-49N-84W	8500	Bighorn	19.1	18.4	29.9	5.1	10.2
					Average for Drainage			16.4	15.0	26.2	4.6	8.6

*On adjacent drainage

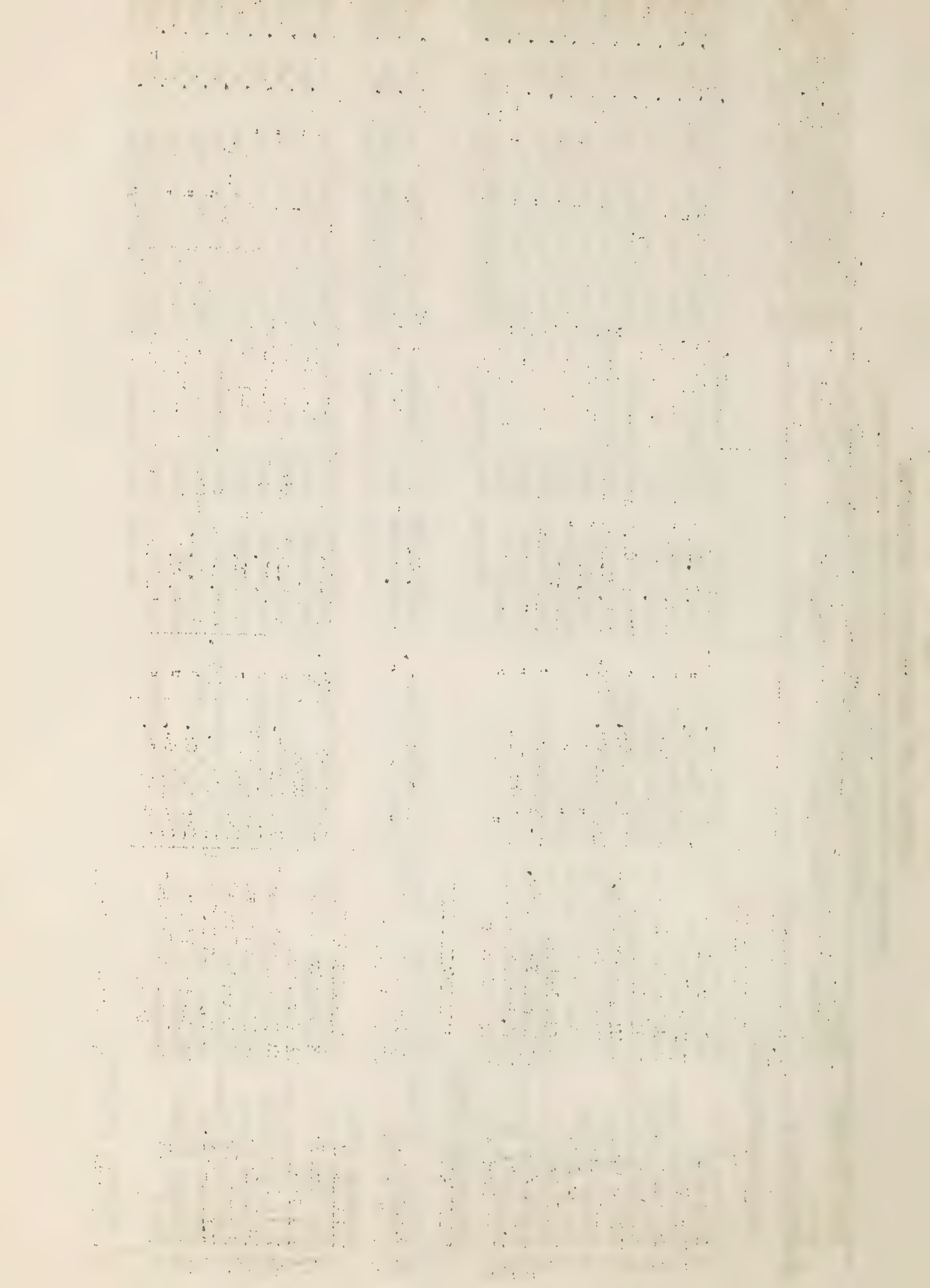


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			Locality	Description			Av. Snow Depth		Av. Water Content			
No.							Avg.	1940	1941	Avg.	1940	1941
NORTH PLATTE RIVER												
11	Cameron Pass	Colo.	Cameron Pass	2-6N-76W	10300	Roosevelt	64.2	63.2	63.2	25.0	22.4	22.3
7	Park View	"	7mi. SE. Rand	24-5N-78W	9200	Routt	19.6	20.4	27.7	8.0	5.8	13.5
8	Columbine Lodge	"	Rbt. Ears Pass	21-5N-82W	9300	"	44.6	40.9	48.1	19.7	18.2	18.0
51	Big Creek Lake	"	5mi. SW. Pearl	9-11N-82W	9000	"	16.5	8.8	25.4	5.4	2.3	8.2
62	Willow Creek P.*	"	Willow Cr. Pass	1-4N-78W	9500	Arapaho	37.4	33.3	41.6	15.2	10.6	16.9
7	Bottle Creek	Wyo.	7mi. SW. Encampmt	24-14N-85W	8200	Medicine Bow	22.6	13.8	21.8	9.0	4.3	8.1
8	Webber Spring	"	10mi. W.	27-14N-85W	9000	"	47.2	37.0	42.0	19.2	12.3	15.3
9	Old Battle	"	12mi. W.	29-14N-85W	9800	"	79.6	65.8	83.1	33.0	26.9	29.7
37	North French Cr.	"	Cent/Saratoga	27-16N-80W	10200	"	84.0	86.4	89.4	34.7	35.2	31.9
38	N. Barrett Cr. #2	"	"	30-16N-80W	9400	"	58.8	65.2	67.3	22.9	25.4	24.6
39	Ryan Park #2	"	"	34-16N-81W	8400	"	20.1	23.1	31.9	7.5	9.9	12.1
				Average for Drainage			45.0	41.6	49.2	18.2	15.8	18.2
SWEETWATER RIVER												
29	Grannier Meadows	Wyo.	20mi. SW. Lander	19-30N-100W	9000	Washakie	31.8	19.3	50.8	11.2	7.6	16.6
47	South Pass*	"	19mi. "	13-30N-101W	9000	"	33.4	20.2	46.7	10.4	6.8	14.0
				Average for Drainage			32.6	19.8	48.8	10.8	7.2	15.3
LARAMIE RIVER												
3	Brooklyn Lake	Wyo.	7mi. NW. Centennial	11-16N-79W	10200	Medicine Bow	53.6	42.8	60.2	22.8	16.5	21.8
11	Fox Park	"	Fox Park	21-13N-78W	9200	"	18.7	11.9	28.6	7.7	4.2	10.2
34	Pole Mountain #2*	"	10mi. SE. Laramie	35-15N-72W	8700	"	2.8	0.0	8.6	0.9	0.0	2.6
35	Libby Lodge #2	"	3mi. NW. Centennial	29-16N-78W	8700	"	8.5	6.7	17.2	2.8	2.4	4.9
36	Hairpin Turn #2	"	5mi. NW.	24-16N-79W	9500	"	28.8	21.6	31.3	10.2	6.7	10.0
4	W. Port-G-P. Tunnel	Colo.	4mi. N. Chambers L.	7-8N-75W	8600	Roosevelt	12.5	7.8	10.2	4.3	3.5	3.0
50	Deadman Hill*	"	10mi. W. R. Feather	26-10N-75W	10200	"	46.0	32.4	46.2	15.6	12.3	14.2
71	Deadman Hill #2*	"	8mi. SW.	6-9N-74W	10200	"	37.6	24.1	39.4	12.5	8.9	11.6
88	Roach	"	8mi. NW. Glendevvey	5-10N-77W	9800	"	52.4	50.7	60.0	21.0	20.9	21.1
				Average for Drainage			29.3	22.0	33.5	10.9	8.4	11.0

*On adjacent drainage

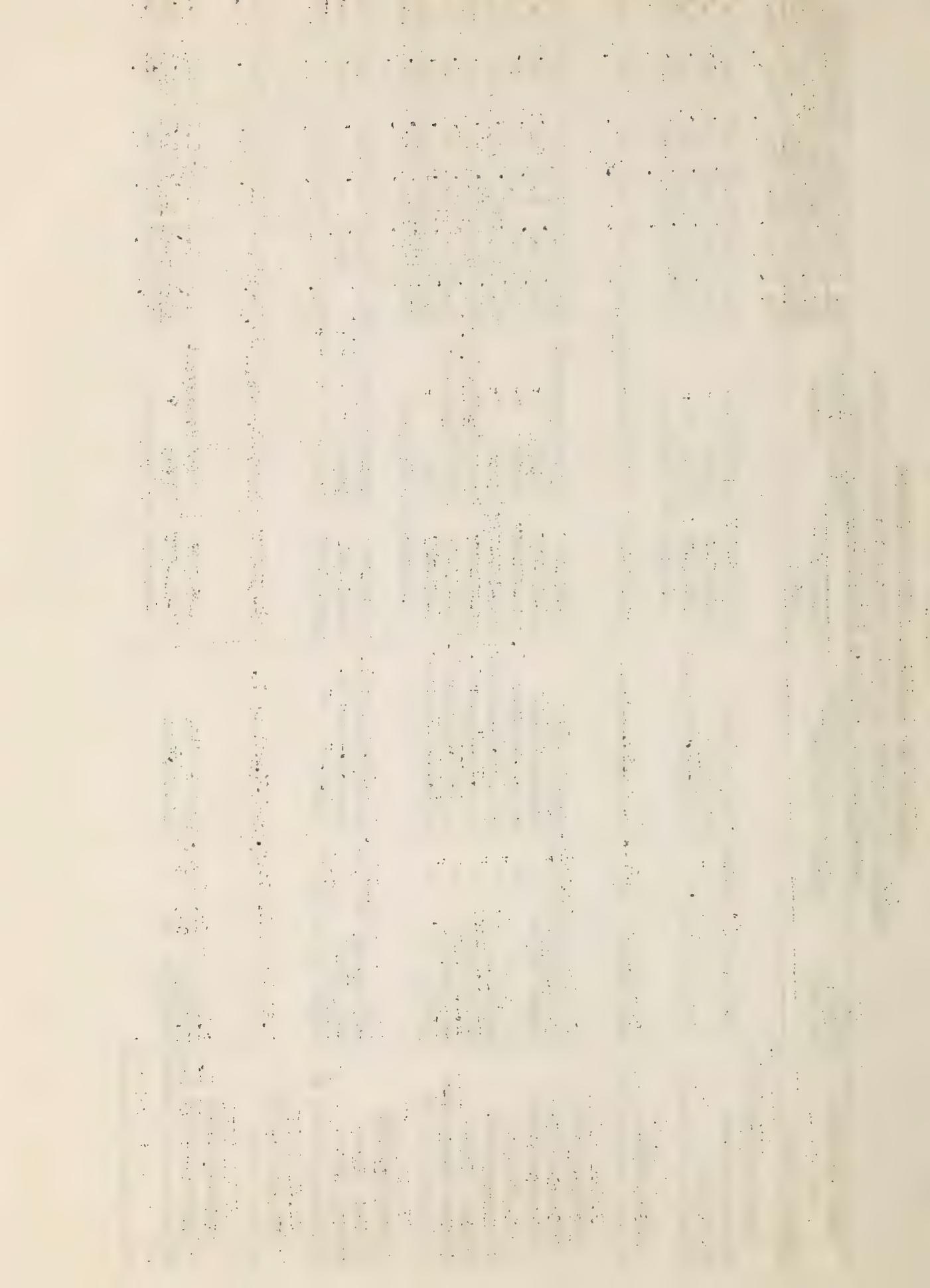
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									Av. Snow Depth		Av. Water Content	
									1940	1941	1940	1941
									In.	In.	In.	In.
SOUTH PLATTE RIVER												
14	Hoosier Pass	S. Platte R.		Colo.	Hoosier Pass	13-8S-78W	11400	Pike	30.1	17.0	39.8	9.8
15	Fairplay	" "		"	Fairplay	33-9S-77W	10000	"	0.0	0.0	0.0	0.0
83	Jefferson Cr. #2	Jefferson Cr.		"	5mi. NW. Jefferson	14-7S-76W	10100	"	8.2	13.5	26.2	2.1
						Average for Drainage			12.8	10.2	22.0	4.0
CROW CREEK												
34	Pole Mountain #2	Crow Creek		Wyo.	10mi. SE. Laramie	35-15N-72W	8700	Medicine Bow	2.8	0.0	8.6	0.9
POUDRE RIVER												
1	Cameron Pass	Joe Wright Cr.		Colo.	Cameron Pass	2-6N-76W	10300	Roosevelt	64.2	63.2	63.2	25.0
2	Chambers Lake	Poudre River		"	Chambers Lake	6-7N-75W	9000	"	8.4	4.8	8.5	3.4
3	Big South	"		"	2mi. E. Chambers L.	33-8N-75W	8600	"	0.2	0.0	1.3	0.1
50	Deadman Hill	No. Poudre R.		"	10mi. W. R. Feather	26-10N-75W	10200	"	46.0	32.4	46.2	15.6
65	Lake Irene*	Big S. Poudre		"	1mi. SW. Milner P.	8-5N-75W	10600	Ry. Mtn. N.P.	66.2	61.8	67.4	24.7
68	Hour Glass Lake	L.S. Poudre		"	2mi. NW. Pingree P.	18-7N-73W	9500	Roosevelt	17.8	11.8	19.1	6.1
71	Deadman Hill #2	N. Poudre R.		"	8mi. SW. R. Feather	6-9N-74W	10200	"	37.6	24.1	39.4	12.5
						Average for Drainage			34.3	28.3	35.0	12.5
BIG THOMPSON												
65	Lake Irene*	Big Thompson R.		Colo.	1mi. SW. Milner P.	8-5N-75W	10600	Ry. Mtn. N.P.	66.2	61.8	67.4	24.7
67	Fall River	Fall River		"	12mi. W. Estes P.	6-5N-74W	10600	"	48.0	48.0	--	19.2
95	Hidden Valley #2	Hidden Valley		Cr.	9mi. W. "	23-5N-74W	10200	"	41.7	--	41.7	12.8
ST. VRAIN RIVER												
41	Wild Basin	N. St. Vrain R.		Colo.	5mi. W. Allens P.	24-3N-74W	10000	Ry. Mtn. N.P.	33.5	25.2	37.2	12.3
BOULDER CREEK												
5	E. Port. Moffat T.	S. Boulder Cr.		Colo.	East Portal	2-2S-74W	9400	Roosevelt	2.5	7.8	5.6	0.7
60	University Camp #2	N. Boulder Cr.		"	5mi. SW. Ward	28-1N-73W	10300	"	51.5	40.6	51.9	19.0
						Average for Drainage			27.0	24.2	28.8	9.8

*On adjacent drainage.



MISSOURI AND ARKANSAS RIVER WATERSHEDS
Summary of Federal and State Cooperative Snow Surveys
Issued May 10, 1941, at Fort Collins, Colorado

Main Drainage and No. Snow Course	Local Drainage	State	Location		Elev.	National Forest	May 1 Snow Course Measurements				
			Locality	Descrip- tion			Avg.	In.	1941	Avg.	In.
61	Clear Creek	Colo.	10mi. W. Georgetown	27-4S-76W	10100	Arapaho	37.9	19.9	42.5	13.0	8.9
ARKANSAS RIVER											
19	Tennessee Pass	Colo.	Tennessee Pass	21-8S-80W	10200	Cochetopa	15.4	6.7	27.4	5.2	1.3
21	Twin Lakes Tun.	"	9mi. W. Twin Lakes	22-11S-82W	10500	"	23.1	16.0	28.3	7.6	3.6
42	Marshall Creek*	"	Marshall Pass	24-48N-6E	10800	"	27.8	18.2	54.4	10.1	6.2
43	Poncha Creek	"	"	19-48N-7E	10500	"	21.0	13.4	52.8	7.7	4.6
72	Whiskey Creek #2	"	Whiskey Cr. Pass	37-2N105.2W	10300	Maxwell Gr.	15.2	--	44.9	5.7	--
74	LaVeta Pass #2*	"	LaVeta Pass	22-28S-70W	9300	San Cristobal	8.0	--	36.3	3.1	--
78	Four Mile Park #2	"	3mi. SW. Twin L.	23-11S-81W	9700	Cochetopa	1.2	0.0	7.1	0.4	0.0
79	Fremont Pass #2	"	Fremont Pass	2-8S-79W	11400	Arapaho	47.7	54.2	52.8	16.6	15.6
81	Blue Lakes #2	"	15mi. SW. LaVeta	30-31S-69W	10000	San Isabel	17.7	5.4	48.9	6.5	1.7
92	Monarch Pass	"	Monarch Pass	16-49N-6E	10500	Cochetopa	63.3	--	63.3	24.5	--
Average for Drainage							22.0	16.3	38.9	7.7	4.7

*On adjacent drainage

RESERVOIR STORAGE

Reservoir Storage in Thousands of Acre-feet, Colorado and Wyoming, as of May 1, for the years 1932 and 1941, inclusive. (Based on data gathered by State Engineer of Colorado, U. S. Bureau of Reclamation and other agencies)

A = Percentage of capacity. B = Percentage of 10-year average.

Reservoir	Capacity Ac-ft	1932 Ac-ft	1933 Ac-ft	1934 Ac-ft	1935 Ac-ft	1936 Ac-ft	1937 Ac-ft	1938 Ac-ft	1939 Ac-ft	1940 Ac-ft	1941 Ac-ft	10 yr Avg. Ac-ft	A %	B %
COLORADO														
Eleven Mile	81.9	---	8.4	43.4	---	4.8	16.4	27.4	66.8	70.5	81.9	44.9	100	182
Cheeseman	79.0	43.0	14.6	17.1	18.7	32.0	48.7	34.4	79.1	59.8	49.7	42.2	63	118
Marston	19.8	13.1	12.0	17.8	13.8	14.2	16.7	16.7	15.4	16.6	16.6	15.5	84	107
Barr	32.2	10.2	4.9	17.8	7.4	11.4	20.0	13.3	25.6	11.0	10.5	13.9	33	76
Milton	24.4	7.4	4.9	10.5	1.8	3.5	11.0	4.0	15.9	3.9	4.4	6.7	18	66
Standley	18.5	3.4	1.4	0.0	2.8	13.4	15.8	12.2	15.7	8.1	11.3	8.4	61	135
Marshall	10.3	1.3	1.8	3.1	0.1	4.1	6.0	6.9	6.2	1.6	5.4	3.6	52	150
Some averages for shorter periods.														

Some averages for shorter periods.

RESERVOIR STORAGE

Reservoir Storage in Thousands of Acre-Feet, Colorado and Wyoming, as of May 1, for the Years 1932 to 1941, inclusive. (Based on data gathered by State Engineer of Colorado, U. S. Bureau of Reclamation and other agencies.)
A = Percentage of capacity. B = Percentage of 10-year average.

Reservoir	Capacity Ac-ft	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	10-yr. Avg. Ac-ft	A %	B %
COLORADO, Cont.														
Riverside	57.5	41.8	12.8	46.7	12.7	44.1	47.0	30.7	54.6	21.0	30.5	34.2	53	89
Empire	37.7	27.1	22.2	24.7	0.0	18.6	24.7	23.0	34.4	23.9	20.3	21.9	54	93
Jackson Lake	35.4	33.5	33.2	33.4	31.7	31.2	33.4	33.2	34.1	33.4	33.7	33.1	95	102
Prewitt	32.8	21.8	9.8	23.2	4.2	12.0	19.2	9.7	28.6	7.3	6.8	14.3	21	48
Point of Rocks	65.0	22.2	29.4	60.0	30.1	56.8	64.3	38.0	66.4	35.1	44.2	44.6	68	99
Julesburg	28.2	22.6	20.3	21.9	22.8	22.0	20.9	22.9	21.5	22.4	23.1	22.0	82	105
Loveland	14.3	0.8	0.0	2.1	0.7	3.0	1.0	1.0	12.3	0.2	1.2	2.2	8	55
Mariano	5.4	3.0	3.1	3.3	0.4	3.0	3.0	3.9	4.8	1.2	2.7	2.8	50	97
Union	12.7	3.0	0.6	4.1	0.0	2.9	7.5	3.1	12.6	2.6	..8	3.7	6	22
Windsor Res.	18.6	7.9	4.2	11.8	2.8	11.2	10.5	11.8	17.7	5.0	11.8	9.5	63	124
Cache la Poudre	9.5	4.4	5.0	9.1	2.8	5.7	7.3	7.5	9.2	4.7	7.2	6.3	76	114
Fossil Creek	11.6	4.3	6.1	11.2	2.9	8.1	7.1	5.5	11.7	3.7	5.6	6.6	48	85
Terry	8.2	4.0	4.1	4.4	4.1	4.2	4.1	4.1	5.9	4.1	4.0	4.3	49	93
Halligan	6.4	2.0	1.6	2.0	3.0	2.9	4.1	4.9	4.3	1.7	0	2.6	--	--
Chambers Lake	8.8	2.0	2.3	4.0	0.7	2.8	2.4	3.1	7.3	2.2	3.3	3.0	38	110
Twin Lakes	57.9	5.9	5.9	6.6	13.8	14.5	14.4	7.2	28.4	15.3	11.5	12.3	20	94
Meredith	41.9	2.5	0.0	0.0	0.0	0.0	3.0*	0.0	24.3	0.0	0.0	3.0	--	--
Horse Creek	26.9	0.0	0.0	0.0	0.0	0.0	7.9	0.0	8.3	0.0	0.0	2.0	--	--
Adobe Creek	61.6	0.0	4.3	0.0	0.0	0.0	1.7	0.0	8.2	0.0	0.0	1.0	--	--
Model	17.8	6.4	0.0	2.7	0.0	2.6	1.8	3.0	8.5	1.3	5.3	3.2	30	166
WYOMING														
Pathfinder	1070.0	352.5	404.7	331.8	133.2	263.5	343.8	352.8	430.3	77.7	92.0	278.2	9	33
Guernsey	71.6	50.0	63.8	37.6	24.8*	44.7**	37.5**	52.5**	42.0	47.1	50.3	45.0	70	112
Seminole	1000.0						0	0	85.5	66.6	98.8	83.6	10	118
Alcova	185.0						0	99.4	123.5	92.8	74.3	97.5	40	76
Wheatland	90.0							26.1	51.0	9.0	17.7	24.7	20	72
Shoshone	456.6						20.9	317.1	394.3	106.9	36.9	277.1	8	13
Jackson Lake	847.0						342.1	430.6	620.8	492.7				
Bull Lake	152.0	185.7	535.9	348.6	206.0	331.5	504.2	0	42.8	38.8	15.7	32.4	10	48
Pilot Butte Lake	30.0							21.5	19.8	24.7	21.7	21.9	72	99

*Some averages for shorter periods

*Estimated

**Based on capacity 54,610 Acre-Feet

